

Depression in adults: treatment and management

Appendix H: Search strategies – clinical evidence

NICE Guideline

Appendices

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Consultation draft

*Developed by the National Guideline
Alliance, hosted by the Royal College of
Obstetricians and Gynaecologists*

Disclaimer

Healthcare professionals are expected to take NICE clinical guidelines fully into account when exercising their clinical judgement. However, the guidance does not override the responsibility of healthcare professionals to make decisions appropriate to the circumstances of each patient, in consultation with the patient and/or their guardian or carer.

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Update 2018

Appendix H: Search strategies - clinical evidence

H.1 Search strategies for the identification of clinical evidence 2018

Each search was constructed using the groups of terms set out in Table 1. The full set of search terms is documented in sections H.1.1 to 0. The selection of search terms was kept broad to maximise retrieval of evidence in a wide range of areas of interest to the Guideline Committee.

Table 1: Summary of systematic search strategies: Search strategy construction

Review area	Search construction	Study design limits	Databases searched	Date range searched
Organisation and delivery of services RQ 1.1-1.2	Topic specific databases – population search: depression terms	RCT	Topic specific databases: CENTRAL, CCMD-CTR,	January 2009 to May-June 2016
First line treatment of depression RQ 2.1-2.2	Topic specific databases – (CENTRAL, CCMD-CTR) – population search: depression terms	RCT	Topic specific databases: CENTRAL, CCMD-CTR,	January 2009 to May-June 2016
	Topic specific databases (CCMD-CTR) – focused search (depression terms and psychological, psychosocial, pharmacological and physical terms)			January 2009-June 2016
	Topic specific databases (CENTRAL) – focused search: (depression terms and pharmacological terms)			January 2004-2009
	Topic specific databases (CCMD-CTR) – focused search: (depression terms and pharmacological terms)			January 2004-2009
Treatment of depression RQ 2.3-2.7	Topic specific databases (CENTRAL, CCMD-CTR) – population search: depression terms	RCT	Topic specific databases: CENTRAL, CCMD-CTR,	January 2009 to May-June 2016
	Topic specific databases (CCMD-CTR) – focused search: (depression terms and psychological, psychosocial, pharmacological and physical terms)			January 2009-June 2016
	Topic specific databases (CENTRAL) – focused search: (depression terms and			January 2004-

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Review area	Search construction	Study design limits	Databases searched	Date range searched
	pharmacological terms)			2009
	Topic specific databases (CCMD-CTR) – focused search: (depression terms and pharmacological terms)			January 2004-2009
RQ 2.8	Major databases – focused search: (depression terms and psychosis terms and RCT filter terms) CENTRAL – focused search: (depression terms and psychosis terms) CCMD-CTR – generic search: (depression terms) Major databases – generic search: (depression terms and RCT filter terms) Topic specific databases – generic search: depression terms	RCT	Major databases: Embase, Medline, PreMedline, PsycINFO Topic specific databases: CENTRAL, CCMD-CTR,	January 2009 to May-June 2016
Access to services RQ 3	[updates CG123 search] Major databases – focused search: CMHD and access terms and vulnerable group terms and SR filter terms Topic specific databases #2 – focused search: CMHD and (access terms or vulnerable group terms)	SR	Major databases: Embase, Medline, PreMedline, PsycINFO Topic specific databases: CDSR, DARE, HTA	January 2010 to April 2016
Evidence resulting from generic searches mapped to all review areas searched				

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H.1.1.11 Depression (population) search terms – all databases

H.1.1.1.12 Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

- 3 1. *depression/ or *agitated depression/ or *atypical depression/ or *depressive psychosis/ or
- 4 *dysphoria/ or *dysthymia/ or *endogenous depression/ or *involutional depression/ or
- 5 *late life depression/ or *major depression/ or *masked depression/ or *melancholia/ or
- 6 ""mixed anxiety and depression"/ or ""mixed depression and dementia"/ or *premenstrual
- 7 dysphoric disorder/ or *reactive depression/ or *recurrent brief depression/ or *seasonal
- 8 affective disorder/ or *treatment resistant depression/
- 9 2. 1 use emez
- 10 3. depression/ or exp depressive disorder/
- 11 4. 3 use mesz, prem
- 12 5. exp major depression/ or atypical depression/ or "depression (emotion)"/ or seasonal
- 13 affective disorder/
- 14 6. 5 use psych
- 15 7. (depres* or dysphori* or dysthymi* or melancholi* or seasonal affective disorder* or
- 16 ((affective or mood) adj disorder*).ti,ab.
- 17 8. or/2,4,6-7

H.1.1.21 CDSR, DARE, CENTRAL, HTA – Wiley

- 2 #1 mesh descriptor: [depressive disorder] explode all trees
- 3 #2 (depres* or dysphori* or dysthymi* or melancholi* or "seasonal affective disorder* " or
- 4 "affective disorder*" or "mood disorder*"):ti,ab,kw
- 5 #3#1 or #2

H.1.1.36 CCMD-CTR– Wiley

- 7 1. #1 (depress* or dysthymi* or "affective disorder*" or "affective symptom*" or mood or
- 8 mental):ti
- 9 2. #2 (depressive near3 (disorder or major)):kw,ky,mh,mc
- 10 3. #3 (depression or depressive):emt
- 11 4. #4 (MDD or (depress* NEAR2 (diagnos* or episode* or disorder or major or scale* or
- 12 score* or unipolar))):ab
- 13 5. #5 (depress* and (Beck* or BDI* or DSM* or "Diagnostic and Statistical Manual of Mental
- 14 Disorders" or Hamilton or HAM-D or HAMD or "International Classification of Diseases" or
- 15 ICD-10)):ab
- 16 6. #6 (#1 or #2 or #3 or #4 or #5)

H.1.27 Focused search terms – all databases

H.1.2.18 RQ 2.1 – 2.7

19 CCMD-CTR – Wiley

- 20 Title, Abstract, Keywords = (depress* or dysthymi*) and Title, Abstract, Keywords =
21 ((abreaction or "acting out" or "age regression" or ((assertive* or autogenic or mind or
22 sensitivity) and train*) or autosuggestion or "balint group" or ((behavior* or
23 behaviour*) and (activation or therap* or treatment or contracting or modification)) or
24 biofeedback or catharsis or cognitive or CBT or "mind training" or counsel* or "contingency
25 management" or countertransference or "covert sensitization" or "eye movement desensiti*"
26 or "crisis intervention" or "dream analysis" or "emotional freedom" or "free association" or
27 "functional analys*" or griefwork or "guided imagery" or hypno* or imagery or meditation* or
28 "mental healing" or mindfulness* or psychoanaly* or psychodrama or psychoeducat* or
29 "psycho* support*" or psychotherap* or relaxation or "role play*" or "self analysis" or "self
30 esteem" or "sensitivity training" or "support* group*" or therapist or "therapeutic technique*" or
31 "transactional analysis") OR (*therap* and ((acceptance* or commitment*) or "activity
32 scheduling" or alderian or art or aversion or brief or "client cent*" or color or colour or
33 "compassion-focused" or "compassion* focus*" or compassionate or conjoint or conversion
34 or conversational or couples or dance or dialectic* or diffusion or distraction or eclectic or
35 "emotion* focus*" or emotion-focus* or existential or experiential or exposure or expressive or
36 family or focus-oriented or "focus oriented" or freudian or gestalt or group or humanistic or
37 implosive or insight or integrative or interpersonal or jungian or kleinian or marital or
38 metacognitive or meta-cognitive or milieu or morita or multimodal or multi-modal or music
39 or narrative or nondirective or non-directive or "non directive" or nonspecific or non-specific
40 or "non specific" or "object relations" or "personal construct" or "person cent*" or person-cent*
41 or persuasion or play or "pleas* event*" or primal or problem-focused or "problem focused" or
42 problem-solving or "problem solving" or process-experiential or "process experiential" or
43 psychodynamic or "rational emotive" or reality or "reciprocal inhibition" or relationship* or
44 reminiscence or restructuring or rogerian or schema* or self-control* or "self control*" or
45 "short term" or short-term or sex or "social effectiveness" or "social skill*" or socio-

1 environment* or “socioenvironment**” or “solution focused” or solution-focused or “stress
2 management” or supportive or time-limited or “time limited” or “third wave” or transference or
3 transtheoretical or validation)))

4 **CENTRAL – Wiley**

5 Search query (precision maximizing):

6 #1 ((agomelatine or amitriptyline or citalopram or fluoxetine or imipramine or lofepramine or
7 mirtazapine or nortriptyline or paroxetine or sertraline or valdoxan or venlafaxine):ti

8 #2 (depress* or dysthymi* or neurosis or neurotic or "affective disorder*" or "affective
9 symptom*"):ti

10 #3 (SR-DEPRSSN or HS-DEPRESSN)

11 #4 (#1 and #2 and #3)

12 **CCMDCTR – Wiley**

13 #1 depress*:sco

14 #2 depress*:stc

15 #3 Amitriptyline and (Citalopram or Escitalopram or Sertraline or Fluoxetine or Lofepramine
16 or Imipramine or Mirtazapine):sin

17 #4 Imipramine and (Amitriptyline or Citalopram or Escitalopram or Sertraline or Fluoxetine or
18 Lofepramine or Mirtazapine):sin

19 #5 Lofepramine and (Amitriptyline or Citalopram or Escitalopram or Sertraline or Fluoxetine
20 or Imipramine or Mirtazapine):sin

21 #6 Mirtazapine and (Amitriptyline or Citalopram or Escitalopram or Sertraline or Fluoxetine or
22 Lofepramine or Imipramine):sin

23 #7 Nortriptyline and (Amitriptyline or Citalopram or Escitalopram or Sertraline or Fluoxetine or
24 Lofepramine or Imipramine or Mirtazapine):sin

25 #8 (#1 or #2) and (#3 or #4 or #5 or #6 or #7)

26 #9 ((citalopram or fluoxetine or mirtazapine or paroxetine or sertraline or venlafaxine) and
27 placebo*):sin

28 #10 (#1 or #2) and #9

29 #11 #8 or #10

H.1.2.20 RQ 2.8

31 Embase, Medline, PreMedline, PsycINFO – OVID SP

32 (psychos\$ or psychotic\$).ti,ab,hw.

33 **CENTRAL – Wiley**

34 (psychos* or psychotic*):ti,ab,kw

H.1.2.31 RQ 3.0

2 Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

- 3 1. exp *anxiety disorders/ or *body dysmorphic disorder/ or exp *depression/ or *mental
4 stress/
- 5 2. 1 use emez
- 6 3. anxiety/ or exp anxiety disorders/ or body dysmorphic disorders/ or exp compulsive
7 behavior/ or depression/ or exp depressive disorder/ or panic/ or stress, psychological
- 8 4. 3 use mesz, prem
- 9 5. anxiety/ or anxiety management/ or exp anxiety disorders/ or panic attack/ or
10 performanc anxiety/ or social anxiety/ or speech anxiety/ or test anxiety/ or body
11 dysmorphic disorder/ or panic/ or exp depression/ or atypical depression/ or "depression
12 (emotion)"/ or seasonal affective disorder/ or psychological stress/
- 13 6. 5 use psych
- 14 7. (anxiet* or anxious* or body dysmorphi* or dysmorphophobi* or (combat adj (disorder* or
15 fatigue or neuros* or syndrome*)) or concentration camp syndrome or torture syndrome or
16 war neuros* or (rape adj2 trauma*) or flash back* or flashback* or posttrauma* or post
17 trauma* or ptsd or railway spine or re experienc* or reexperien* or (trauma* and
18 (avoidance or grief or horror or death* or nightmare* or night mare* or emotion*)) or
19 depress* or dysphori* or dysthymi* or melanchol* or seasonal affective disorder* or clean
20 response* or compuls* or obsession* or obsessive* or ocd or recur* thought* or panic* or
21 agoraphobi* or claustrophobi* or phobi* or ((extreme or trauma*) adj stress) or (trauma*
22 adj (neuros* or stress*)) or acute stress or desnos or (psych* adj (stress or trauma*)) or
23 psychotrauma* or stress disorder* or ((acute or chronic* or extreme or incessant* or
24 intense* or persistent* or serious* or sever*) adj2 (apprehens* or doom or fear* or terror*))
25 or hypervigil*).ti,ab.
- 26 8. (healthcare or health care or (mental adj (disorder* or health)) or primary care).ti,ab.
- 27 9. or/2,4,6-8
- 28 10. *health care access/ or *health care utilization/ or *health disparity/ or (*health
29 promotion/ and (access* or barrier* or disparit* or equity or inequit* or inequalit*).ti,ab.
- 30 11. 10 use emez
- 31 12. health services accessibility/ or (ut.fs. and (care or health care or healthcare or
32 service*).hw.) or healthcare disparities/ or health status disparities/ or (exp health
33 promotion/ and (access* or barrier* or disparit* or equity or inequit* or inequalit*).ti,ab.)
- 34 13. 12 use mesz, prem
- 35 14. health care delivery/ or treatment barriers/ or health care utilization/ or health
36 disparities/ or (health promotion/ and (access* or barrier* or disparit* or equity or inequit*
37 or inequalit*).ti,ab.)
- 38 15. 14 use psych
- 39 16. ((access* or barrier* or disparit* or equity or inequit* or inequalit*) adj4 (care or clinical
40 practice or detect* or diagnos* or health* or interven* or medication* or medicine* or
41 program* or psychotherap* or recogni* or referral* or service* or therap* or treat)).ti,ab.
- 42 17. (((health adj (care or service)) or healthcare) adj2 (need*1 or use*1 or using or utilis*
43 or utiliz*).ti,ab.
- 44 18. ((barrier* or disparit* or equity or hinder* or hindran* or hurdle* or imped* or improv*
45 or inequit* or inequalit* or obstacle* or obstruct* or prevent* or promot* or reluctan* or
46 restrict* or uptake or utiliz* or utilis* or vulnerable) adj3 access*).ti,ab.
- 47 19. ((access or barrier) adj research*).ti,ab.
- 48 20. ((behavio?r* or helpseek* or help seek* or system*) adj2 barrier*).ti,ab.

- 1 21. (or/11,13,15-20) or *"translating (language)"/ use emez or translating/ use mesz,
2 prem or foreign language translation/ use psyh or (translate* or translating or
3 translator*).ti,ab.
- 4 22. exp *african/ or exp *aged/ or exp *aged/ or *ancestry group/ or exp *asian/ or *asian
5 american/ or *asian continental ancestry group/ or exp *black person/ or *british asian/ or
6 exp *"caribbean (person)"/ or exp *central american/ or *cultural anthropology/ or *cultural
7 competence/ or *cultural deprivation/ or exp *elderly care/ or exp *"ethnic or racial
8 aspects"/ or exp *ethnic group/ or *ethnology/ or geriatric*.hw. or *gerontology/ or exp
9 *hispanic/ or exp *immigration/ or exp *indigenous people/ or exp *migrant/ or *minority
10 group/ or *mongoloid/ or exp *multiracial person/ or *multilingualism/ or *nursing home/ or
11 exp *oceanian/ or exp *oceanic ancestry group/ or *prejudice/ or exp *religion/ or exp
12 *religious group/ or *residential home/ or *social problem/ or exp *south american/ or
13 *superstition/ or *taboo/ or *"translating (language)"/
- 14 23. 22 use emez
- 15 24. exp african continental ancestry group/ or exp aged/ or exp american native
16 continental/ or "emigration and immigration"/ or ancestry group/ or exp asian continental
17 ancestry group/ or "emigrants and immigrants"/ or "health services for the aged"/ or
18 "homes for the aged"/ or "transients and migrants"/ or cross-cultural comparison/ or
19 cultural characteristics/ or cultural competency/ or cultural deprivation/ or cultural diversity/
20 or culture/ or exp ethnic groups/ or ethnology/ or geriatric*.hw. or minority groups/ or
21 multilingualism/ or nursing homes/ or oceanic ancestry group/ or exp prejudice/ or race
22 relations/ or refugees/ or religion/ or exp superstitions/ or taboo/ or "transients and
23 migrants"/ or translating/ or eh.fs.
- 24 25. 24 use mesz, prem
- 25 26. african culture groups/ or alaska natives/ or american indians/ or arabs/ or exp
26 asians/ or asylum seeking/ or blacks/ or cross cultural communication/ or exp cross
27 cultural treatment/ or cultural sensitivity/ or "culture (anthropological)"/ or ethnology/ or
28 elder care/ or foreign language translation/ or geriatric patients/ or geriatric*.hw. or
29 gerontology.mp. or hawaii natives/ or human migration/ or immigration/ or exp indigenous
30 populations/ or inuit/ or jews/ or exp "latinos/latinas"/ or minority groups/ or multilingualism/
31 or multiculturalism/ or nursing homes/ or exp pacific islanders/ or exp prejudice/ or "race
32 and ethnic discrimination"/ or exp "racial and ethnic groups"/ or "race and ethnic relations"/
33 or "racial and ethnic differences"/ or refugees/ or religion/ or exp religious beliefs/ or exp
34 religious practices/ or residential care institutions/ or retirement communities/ or romanes/
35 or social issues/ or exp sociocultural factors/ or superstitions/ or taboos/
- 36 27. 26 use psyh
- 37 28. ((aged or ag?ism or ag?ing or elder* or ((frail or old or older) adj (adult* or men or
38 people or person* or women)) or geriatric* or gerontology or nursing home* or residential
39 care or african or asian* or bangladesh* or bengali or (black* adj2 (communit* or famil* or
40 people or person*)) or blacks or (bme adj2 (communit* or group* or people or person*)) or
41 caribbean* or (chinese adj2 (adult* or communit* or famil* or people or person*)) or cultur*
42 or disadvantaged or disparity or disparities or ethnic* or ethno* or gujurati or hindu or
43 hispanic* or im?igrant* or inequalit* or interpret* or latino* or migrant* or minorit* or multi
44 lingual* or multicultur* or multilingual* or muslim* or pacific islander* or pakistan* or
45 prejudic* or punjabi or race or races or racial or racism or romanes or translate*1 or
46 translating or translator* or translation or urdu or vulnerable) and (access* or barrier* or
47 disparit* or ((enter* or entry) adj2 service*) or equity or inequit* or inequalit* or (receipt
48 adj2 service*) or utili?ation)).ti,ab.
- 49 29. or/23,25,27-28
- 50 30. exp *male/ use emez
- 51 31. male/ or exp men/
- 52 32. 31 use mesz, prem
- 53 33. exp human males/ or male attitudes/

- 1 34. 33 use psych
- 2 35. ((boy or boys or brother* or father* or husband* or male* or men or sons or widower*)
3 and (access* or barrier* or disparit* or equity or inequit* or inequalit*)).ti,ab.
- 4 36. or/30,32,34-35
- 5 37. *health education/ or *health literacy/ or *health promotion/ or *patient education/ or
6 *patient information/ or *reading/ or *vulnerable population/
- 7 38. 37 use emez
- 8 39. communication barriers/ or health education/ or health literacy/ or health promotion/
9 or literacy/ or socioeconomic factors/ or "patient education as topic"/ or vocabulary/
- 10 40. 39 use mesz, prem
- 11 41. at risk populations/ or client education/ or communication barriers/ or health
12 education/ or health literacy/ or health promotion/ or literacy/ or low literacy/ or reading/ or
13 reading education/ or socioeconomic status/ or vocabulary/
- 14 42. 41 use psych
- 15 43. ((health adj2 (educat* or promot*)) or ((client* or patient*) adj2 (educat* or
16 information)) or literac*).ti,ab.
- 17 44. or/38,40,42-43
- 18 45. attitude to computers/ or audiovisual aid/ or audiovisual equipment/ or communication
19 software/ or computer assisted therapy/ or computer program/ or computer system/ or
20 computer/ or decision support system/ or e-mail/ or human computer interaction/ or
21 information technology/ or internet/ or mobile phone/ or multimedia/ or exp optical disk/ or
22 personal digital assistant/ or social media/ or telecommunication/ or teleconsultation/ or
23 exp telehealth/ or telemedicine/ or telemonitoring/ or telephone/ or telepsychiatry/ or
24 teletherapy/ or text messaging/ or video disk/ or videotape/
- 25 46. 45 use emez
- 26 47. attitude to computers/ or audiovisual aids/ or exp cellular phone/ or computer-assisted
27 instruction/ or communications media/ or computer literacy/ or computer user training/ or
28 computing methodologies/ or exp computer systems/ or decision making, computer
29 assisted/ or decision support systems, clinical/ or electronic mail/ or hotlines/ or
30 multimedia/ or exp optical storage devices/ or exp programmed instruction as topic/ or
31 social networking/ or exp software/ or telecommunications/ or exp telemedicine/ or exp
32 telemetry/ or telephone/ or text messaging/ or therapy, computer assisted/ or exp
33 videorecording/
- 34 48. 47 use mesz, prem
- 35 49. audiotapes/ or audiovisual communications media/ or communications media/ or
36 computer applications/ or exp computer assisted instruction/ or computer assisted
37 therapy/ or computer attitudes/ or computer literacy/ or computer mediated
38 communication/ or computer software/ or computer training/ or computers/ or digital video/
39 or educational audiovisual aids/ or electronic communication/ or exp human computer
40 interaction/ or hot line services/ or human computer interaction/ or hypermedia/ or
41 information technology/ or instructional media/ or internet/ or exp mobile devices/ or exp
42 multimedia/ or online therapy/ or programmed instruction/ or exp social media/ or exp
43 social networks/ or telecommunications media/ or telemedicine/ or telemetry/ or exp
44 telephone systems/ or videotapes/
- 45 50. 49 use psych
- 46 51. (audio* or cd rom or cdrom or computer* or communication aid or cyber* or (digital
47 adj (assistant* or divide)) or dvd or (e*1 adj (communicat* or consult* or mail* or portal* or
48 visit*)) or email* or ecommunicat* or econsult* or email* or eportal* or etablet* or evisit* or
49 (e*1 adj (communicat* or consult* or mail* or tablet* or visit*)) or facebook* or floppy or
50 handheld or hand held or information technolog* or interactiv* or internet or iphone* or
51 laptop* or multimedia or multi media or mspace* or my space* or online or palmtop or
52 palm top or personal digital or portal*1 or reminder system* or remote consultation* or

- 1 short messag* or skype or sms or (social adj (media or network*)) or texts or texting or
2 video* or virtual or website).ti,ab.
- 3 52. ((cd or communication or digital or electronic* or mobile or net or pc*1 or pda or
4 phone* or phoning or tablet* or technolog* or telephon* or web or www) adj3 (aid* or
5 assist* or based or deliver* or diary or diaries)).ti,ab.
- 6 53. ((cd or communication or digital or electronic* or mobile or net or pc*1 or pda or
7 phone* or phoning or tablet* or technolog* or telephon* or web or www) adj7 (advocacy or
8 application* or approach* or coach* or educat* or exchang* or guide*1 or help* or instruct*
9 or interact* or interven* or learn* or manag* or meeting* or module* or network* or
10 package* or participat* or prevent* or program* or psychoanaly* or psychotherap* or
11 rehab* or retrain* or re train* or self guide* or self help or selfguide* or selfhelp or session*
12 or skill* or strateg* or support* or teach* or technique* or therap* or train* or treat* or work
13 shop* or workshop*)).ti,ab.
- 14 54. (vr adj2 (advocacy or application* or approach* or coach* or educat* or exchang* or
15 exposure or feedback* or guide*1 or help* or instruct* or interact* or interven* or learn* or
16 manag* or meeting* or module* or network* or package* or participat* or prevent* or
17 program* or psychoanaly* or psychotherap* or rehab* or retrain* or re train* or self guide*
18 or self help or selfguide* or selfhelp or session* or skill* or strateg* or support* or teach* or
19 technique* or therap* or train* or treat* or work shop* or workshop*)).ti,ab.
- 20 55. (cacbt or ccbt or c cbt or call in or (caller*1 adj3 (interven* or program* or therap* or
21 treat*)) or callline* or call line* or ediar* or ehealth or emediat* or elearn* or etherap* or (e
22 adj (diar* or learn or health or mediat* or therap*)) or help line* or helpline* or hotline* or
23 hot line* or outreach* or phone in or phonein or telecare or telecommunication or
24 teleconsult* or telehealth or telemedicine or telement* or telepsychology or telepsychiatry
25 or teletherap* or (tele adj (care or communication or consult* or health or medicine or
26 mental* or psychology or psychiatry or therap*)) or videocam* or video cam* or webcam*
27 or web cam*).ti,ab.
- 28 56. (alles onder controle or autism xpress or autismexpress or avatars programme or
29 (beating adj2 blues) or big white wall or blue pages or bluepages or (brave program and
30 anxiet*) or (camp cope adj2 lot) or (catch it and depres*) or cool teens or coping cat or
31 crufadschools or (e couch and depres*) or fearfighter or ff education or ffeeducation or grip
32 op je dip or internet psychiatri or internet psykiatri or leap project or linden method or (little
33 prince and depres*) or (living life adj2 full) or mind your*1 mind or mood gym or mood
34 helper or moodgym or moodhelper or my*1 body my*1 life or net ff or netcope or netff or
35 oc fighter or ocfighter or online anxiety prevention or overcoming bulimia online or
36 (overcoming depression and program*) or panic online or pix talk or pixtalk or (restoring
37 adj2 balance) or sparx or standalone ff or standaloneff or student bodie or student bodies
38 prevention program* or studentbodie or ((the*1 adj lowdown) and depres*) or the*1
39 journey or therapeutic learning program* or trouble on*1 the*1 tightrope or think feel do or
40 whiz kid games or (youth mental health adj2 parent* guide)).ti,ab.
- 41 57. (ecological momentary assessment* or mhealth or (mobile adj2 (app or apps or
42 application*)) or virtual reality or wearable*).tw.
- 43 58. or/46,48,50-57
- 44 59. 58 and (21 or (access* or barrier* or disparit* or equity or inequit* or inequalit*).ti,ab.)
- 45 60. 9 and ((21 and (or/29,36,44)) or 59)

46 **CDSR, DARE, HTA – Wiley**

47 #1 mesh descriptor: [anxiety] this term only

48 #2 mesh descriptor: [anxiety disorders] explode all trees

49 #3 mesh descriptor: [body dysmorphic disorders] this term only

50 #4 mesh descriptor: [compulsive behavior] explode all trees

51 #5 mesh descriptor: [depression] this term only

- 1 #6 mesh descriptor: [depressive disorder] explode all trees
- 2 #7 mesh descriptor: [panic] this term only
- 3 #8 (anxiet* or anxious* or "body dysmorphi*" or dysmorphophobi* or (combat near/1
- 4 (disorder* or fatigue or neuros* or syndrome*)) or "concentration camp syndrome" or
- 5 "torture syndrome" or "war neuros*" or (rape near/2 trauma*) or "flash back*" or flashback*
- 6 or posttrauma* or "post trauma*" or ptsd or "railway spine" or "re experienc*" or
- 7 reexperienc* or (trauma* and (avoidance or grief or horror or death* or nightmare* or
- 8 "night mare*" or emotion*)) or depress* or dysphori* or dysthymi* or melanchol* or
- 9 "seasonal affective disorder*" or "clean response*" or compulsi* or obsession* or
- 10 obsessive* or ocd or recur* thought* or panic* or agoraphobi* or claustrophobi* or phobi*
- 11 or ((extreme or trauma*) near/1 stress) or (trauma* near/1 (neuros* or stress*)) or "acute
- 12 stress" or desnos or (psych* near/1 (stress or trauma*)) or psychotrauma* or "stress
- 13 disorder*" or ((acute or chronic* or extreme or incessant* or intense* or persistent* or
- 14 serious* or sever*) near/2 (apprehens* or doom or fear* or terror*)) or hypervigil*):ti,ab,kw
- 15 #9 (healthcare or "health care" or (mental near/1 (disorder* or health)) or "primary
- 16 care"):ti,ab,kw
- 17 #10 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9
- 18 #11 mesh descriptor: [health services accessibility] explode all trees
- 19 #12 mesh descriptor: [healthcare disparities] this term only
- 20 #13 mesh descriptor: [health status disparities] this term only
- 21 #14 mesh descriptor: [health promotion] this term only
- 22 #15 ((access* or barrier* or disparit* or equity or inequit* or inequalit*) and (care or
- 23 "clinical practice" or detect* or diagnos* or health* or interven* or medication* or medicine*
- 24 or program* or psychotherap* or recogni* or referral* or service* or therap* or
- 25 treat*)):ti,ab,kw
- 26 #16 (((health near/1 (care or service)) or healthcare) near/2 (need* or use* or using or
- 27 utilis* or utiliz*)):ti,ab,kw
- 28 #17 ((barrier* or disparit* or equity or hinder* or hindran* or hurdle* or imped* or improv*
- 29 or inequit* or inequalit* or obstacle* or obstruct* or prevent* or promot* or reluctan* or
- 30 restrict* or uptake or utiliz* or utilis* or vulnerable) and access*):ti,ab,kw
- 31 #18 ((access or barrier) near/1 research*):ti,ab,kw
- 32 #19 ((behavior* or behaviour* or helpseek* or "help seek*" or system*) and
- 33 barrier*):ti,ab,kw #20 mesh descriptor: [translating] this term only
- 34 #21 (translate* or translating or translator*):ti,ab,kw
- 35 #22 #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21
- 36 #23 mesh descriptor: [communication barriers] explode all trees
- 37 #24 mesh descriptor: [health education] this term only
- 38 #25 mesh descriptor: [health literacy] this term only
- 39 #26 mesh descriptor: [health promotion] this term only
- 40 #27 mesh descriptor: [literacy] this term only
- 41 #28 mesh descriptor: [socioeconomic factors] this term only
- 42 #29 ((health near/2 (educat* or promot*)) or ((client* or patient*) near/2 (educat* or
- 43 information)) or literac*):ti,ab,kw
- 44 #30 (((computer* or electronic* or technolog*) near/2 (communication* or mediat*)) or
- 45 etherap* or "e therap*" or (remote* near/2 (communic* or deliver* or therap*)) or ((distance
- 46 or remote*) near/2 (communication* or technolog* or electronic*)) or internet or
- 47 telecommunicat* or "tele communicat*" or telemedicine or "tele medicine" or telephone* or
- 48 telepsychiatr* or videoconf* or "video conf*") and (access* or barrier* or disparit* or
- 49 ((enter* or entry) near/2 service*) or equity or inequit* or inequalit* or (receipt near/2
- 50 service*) or utilisation or utilization) and (intervention* or etherap* or program* or
- 51 psychotherap* or therap* or treat*)):ti,ab,kw

- 1 #31 #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30
- 2 #32 mesh descriptor: [african continental ancestry group] explode all trees
- 3 #33 mesh descriptor: [aged] explode all trees
- 4 #34 mesh descriptor: [american native continental ancestry group] explode all trees
- 5 #35 mesh descriptor: [emigration and immigration] this term only
- 6 #36 mesh descriptor: [asian continental ancestry group] explode all trees
- 7 #37 mesh descriptor: [emigrants and immigrants] explode all trees
- 8 #38 mesh descriptor: [health services for the aged] this term only
- 9 #39 mesh descriptor: [homes for the aged] this term only
- 10 #40 mesh descriptor: [transients and migrants] this term only
- 11 #41 mesh descriptor: [cross-cultural comparison] this term only
- 12 #42 mesh descriptor: [cultural characteristics] this term only
- 13 #43 mesh descriptor: [cultural competency] this term only
- 14 #44 mesh descriptor: [cultural deprivation] this term only
- 15 #45 mesh descriptor: [cultural diversity] this term only
- 16 #46 mesh descriptor: [culture] this term only
- 17 #47 mesh descriptor: [ethnic groups] explode all trees
- 18 #48 mesh descriptor: [ethnology] this term only
- 19 #49 geriatric*:kw
- 20 #50 mesh descriptor: [minority groups] this term only
- 21 #51 mesh descriptor: [multilingualism] this term only
- 22 #52 mesh descriptor: [nursing homes] explode all trees
- 23 #53 mesh descriptor: [oceanic ancestry group] this term only
- 24 #54 mesh descriptor: [prejudice] explode all trees
- 25 #55 mesh descriptor: [race relations] explode all trees
- 26 #56 mesh descriptor: [refugees] this term only
- 27 #57 mesh descriptor: [religion] explode all trees
- 28 #58 mesh descriptor: [superstitions] this term only
- 29 #59 mesh descriptor: [taboo] this term only
- 30 #60 mesh descriptor: [transients and migrants] this term only
- 31 #61 mesh descriptor: [translating] this term only
- 32 #62 ((aged or ageism or agism or aging or aging or elder* or ((frail or old or older) near/1
33 (adult* or men or people or person* or women)) or geriatric* or gerontology or "nursing
34 home*" or "residential care" or african or asian* or bangladesh* or bengali or (black*
35 near/2 (communit* or famil* or people or person*)) or blacks or (bme near/2 (communit* or
36 group* or people or person*)) or caribbean* or (chinese near/2 (adult* or communit* or
37 famil* or people or person*)) or cultur* or disadvantaged or disparity or disparities or
38 ethnic* or ethno* or gujurati or hindu or hispanic* or imigrant* or immigrant* or inequalit* or
39 interpret* or latino* or migrant* or minorit* or "multi lingual*" or multicultur* or multilingual*
40 or muslim* or "pacific islander*" or pakistan* or prejudic* or punjabi or race or races or
41 racial or racism or romanes or translate or translating or translator* or translation or urdu
42 or vulnerable) and (access* or barrier* or disparit* or ((enter* or entry) near/2 service*) or
43 equity or inequit* or inequalit* or (receipt near/2 service*) or utilisation or
44 utilization)):ti,ab,kw
- 45 #63 mesh descriptor: [male] explode all trees
- 46 #64 mesh descriptor: [men] explode all trees
- 47 #65 ((boy or boys or brother* or father* or husband* or male* or men or sons or widower*)
48 and (access* or barrier* or disparit* or equity or inequit* or inequalit*)):ti,ab,kw

- 1 #66 #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or
- 2 #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52 or #53 or #54 or #55 or #56
- 3 or #57 or #58 or #59 or #60 or #61 or #62 or #63 or #64 or #65
- 4 #67 mesh descriptor: [attitude to computers] this term only
- 5 #68 mesh descriptor: [audiovisual aids] this term only
- 6 #69 mesh descriptor: [cell phones] explode all trees
- 7 #70 mesh descriptor: [computer-assisted instruction] this term only
- 8 #71 mesh descriptor: [communications media] this term only
- 9 #72 mesh descriptor: [computer literacy] this term only
- 10 #73 mesh descriptor: [computer user training] this term only
- 11 #74 mesh descriptor: [computing methodologies] this term only
- 12 #75 mesh descriptor: [computer systems] explode all trees
- 13 #76 mesh descriptor: [decision making, computer-assisted] this term only
- 14 #77 mesh descriptor: [decision support systems, clinical] explode all trees
- 15 #78 mesh descriptor: [electronic mail] this term only
- 16 #79 mesh descriptor: [hotlines] explode all trees
- 17 #80 mesh descriptor: [multimedia] this term only
- 18 #81 mesh descriptor: [optical storage devices] explode all trees
- 19 #82 mesh descriptor: [programmed instruction as topic] explode all trees
- 20 #83 mesh descriptor: [social networking] this term only
- 21 #84 mesh descriptor: [software] explode all trees
- 22 #85 mesh descriptor: [telecommunications] this term only
- 23 #86 mesh descriptor: [telemedicine] explode all trees
- 24 #87 mesh descriptor: [telemetry] this term only
- 25 #88 mesh descriptor: [telephone] this term only
- 26 #89 mesh descriptor: [text messaging] this term only
- 27 #90 mesh descriptor: [therapy, computer-assisted] this term only
- 28 #91 mesh descriptor: [video recording] explode all trees
- 29 #92 ((cd or communication or digital or electronic* or mobile or net or pc or pda or phone*
- 30 or phoning or tablet* or technolog* or telephon* or web or www) near/3 (aid* or assist* or
- 31 based or deliver* or diary or diaries)):ti,ab,kw
- 32 #93 ((cd or communication or digital or electronic* or mobile or net or pc or pda or phone*
- 33 or phoning or tablet* or technolog* or telephon* or web or www) near/7 (advocacy or
- 34 application* or approach* or coach* or educat* or exchang* or guide* or help* or instruct*
- 35 or interact* or interven* or learn* or manag* or meeting* or module* or network* or
- 36 package* or participat* or prevent* or program* or psychoanaly* or psychotherap* or
- 37 rehab* or retrain* or "re train*" or "self guide*" or "self help" or selfguide* or selfhelp or
- 38 session* or skill* or strateg* or support* or teach* or technique* or therap* or train* or
- 39 treat* or "work shop*" or workshop*)):ti,ab,kw
- 40 #94 (vr near/2 (advocacy or application* or approach* or coach* or educat* or exchang* or
- 41 exposure or feedback* or guide* or help* or instruct* or interact* or interven* or learn* or
- 42 manag* or meeting* or module* or network* or package* or participat* or prevent* or
- 43 program* or psychoanaly* or psychotherap* or rehab* or retrain* or "re train*" or "self
- 44 guide*" or "self help" or selfguide* or selfhelp or session* or skill* or strateg* or support* or
- 45 teach* or technique* or therap* or train* or treat* or "work shop*" or workshop*)):ti,ab,kw
- 46 #95 (cacbt or ccbt or "c cbt" or "call in" or (caller* near/3 (interven* or program* or therap*
- 47 or treat*)) or callline* or "call line*" or ediar* or ehealth or emediat* or elearn* or etherap*
- 48 or (e near/1 (diar* or learn or health or mediat* or therap*)) or "help line*" or helpline* or
- 49 hotline* or "hot line*" or outreach* or "phone in" or phonein or telecare or

- 1 telecommunication or teleconsult* or telehealth or telemedicine or telement* or
2 telepsychology or telepsychiatry or teletherap* or (tele near/1 (care or communication or
3 consult* or health or medicine or mental* or psychology or psychiatry or therap*)) or
4 videocam* or "video cam*" or webcam* or "web cam*"):ti,ab,kw
- 5 #96 ("alles onder controle" or "autism xpress" or autismexpress or "avatars programme"
6 or (beating near/2 blues) or "big white wall" or "blue pages" or bluepages or ("brave
7 program" and anxiet*) or ("camp cope" near/2 lot) or ("catch it" and depres*) or "cool
8 teens" or "coping cat" or crufadschools or ("e couch" and depres*) or fearfighter or "ff
9 education" or ffeducation or "grip op je dip" or "internet psychiatri" or "internet psykiatri" or
10 "leap project" or "linden method" or ("little prince" and depres*) or ("living life" near/2 full)
11 or "mind your* mind" or "mood gym" or "mood helper" or moodgym or moodhelper or "my
12 body my life" or "net ff" or netcope or netff or "oc fighter" or offighter or "online anxiety
13 prevention" or "overcoming bulimia online" or ("overcoming depression" and program*) or
14 "panic online" or "pix talk" or pixtalk or (restoring near/2 balance) or sparx or "standalone
15 ff" or standaloneff or "student bodie" or "student bodies prevention program*" or
16 studentbodie or ((the near/1 lowdown) and depres*) or "the journey" or "therapeutic
17 learning program*" or "trouble on the tightrope" or "think feel do" or "whiz kid games" or
18 ("youth mental health" near/2 parent* guide)):ti,ab,kw
- 19 #97 ("ecological momentary assessment*" or mhealth or (mobile near/2 (app or apps or
20 application*)) or "virtual reality" or wearable*):ti,ab,kw
- 21 #98 #67 or #68 or #69 or #70 or #71 or #72 or #73 or #74 or #75 or #76 or #77 or #78 or
22 #79 or #80 or #81 or #82 or #83 or #84 or #85 or #86 or #87 or #88 or #89 or #90 or #91
23 or #92 or #93 or #94 or #95 or #96 or #97
- 24 #99 (access* or barrier* or disparit* or equity or inequit* or inequalit*):ti,ab,kw
- 25 #100 #98 and (#99 or #22)
- 26 #101 #10 and (#22 or #31 or #66 or #100)

H.1.37 Search filter search terms – all databases

H.1.3.28 Systematic review - OVID SP

29 Embase, Medline, PreMEDLINE, PsycINFO - OVID SP

- 30 1. meta analysis/ or "meta analysis (topic)"/ or systematic review/
31 2. 1 use emez
32 3. meta analysis.sh,pt. or "meta-analysis as topic"/ or "review literature as topic"
33 4. 3 use mesz, prem
34 5. (literature review or meta analysis).sh,id,md. or systematic review.id,md.
35 6. 5 use psych
36 7. (exp bibliographic database/ or (((electronic or computer* or online) adj database*) or bids
37 or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or
38 scisearch or science citation or (web adj2 science)).ti,ab.) and (review*.ti,ab,sh,pt. or
39 systematic*.ti,ab.)
40 8. 7 use emez
41 9. (exp databases, bibliographic/ or (((electronic or computer* or online) adj database*) or
42 bids or cochrane or embase or index medicus or isi citation or medline or psyclit or
43 psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and
44 (review*.ti,ab,sh,pt. or systematic*.ti,ab.)
45 10. 9 use mesz, prem
46 11. (computer searching.sh,id. or (((electronic or computer* or online) adj database*) or
47 bids or cochrane or embase or index medicus or isi citation or medline or psyclit or

- 1 psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review*.ti,ab,pt.
- 2 or systematic*.ti,ab.)
- 3 12. 11 use psych
- 4 13. ((analy* or assessment* or evidence* or methodol* or quantativ* or systematic*) adj2
- 5 (overview* or review*)).tw. or ((analy* or assessment* or evidence* or methodol* or
- 6 quantativ* or systematic*).ti. and review*.ti,pt.) or (systematic* adj2 search*).ti,ab.
- 7 14. (metaanal* or meta anal*).ti,ab.
- 8 15. (research adj (review* or integration)).ti,ab.
- 9 16. reference list*.ab.
- 10 17. bibliograph*.ab.
- 11 18. published studies.ab.
- 12 19. relevant journals.ab.
- 13 20. selection criteria.ab.
- 14 21. (data adj (extraction or synthesis)).ab.
- 15 22. (handsearch* or ((hand or manual) adj search*)).ti,ab.
- 16 23. (mantel haenszel or peto or dersimonian or der simonian).ti,ab.
- 17 24. (fixed effect* or random effect*).ti,ab.
- 18 25. ((pool* or combined or combining) adj2 (data or trials or studies or results)).ti,ab.
- 19 26. or/2,4,6,8,10,12-25

H.2.0 Search strategies for the identification of clinical evidence 21 2009

H.2.12 General search strategies

H.2.1.23 MEDLINE, EMBASE, PsycINFO, CINAHL - Ovid SP interface

- 24 1. (depression or depressive disorder or depression, postpartum or depressive disorder,
- 25 major or dysthymic disorder or mood disorders or seasonal affective disorder).sh,id.
- 26 2. (affective disorders or depression or depression, postpartum or depression, reac- tive or
- 27 dysthymic disorder or seasonal affective disorder).sh,id.
- 28 3. (depression or agitated depression or atypical depression or depressive psychosis or
- 29 dysphoria or dysthymia or endogenous depression or involuntional depression or major
- 30 depression or masked depression or melancholia or mood disorder or mourning syndrome
- 31 or organic depression or postoperative depression or premen- strual dysphoric disorder or
- 32 pseudodementia or puerperal depression or reactive depression or recurrent brief
- 33 depression or seasonal affective disorder).sh,id. or "mixed anxiety and depression"/ or
- 34 "mixed depression and dementia"/
- 35 4. (affective disorders or anaclitic depression or dysthymic disorder or endogenous
- 36 depression or major depression or postpartum depression or reactive depression or
- 37 recurrent depression or treatment resistant depression or atypical depression or
- 38 pseudodementia or sadness or seasonal affective disorder).sh,id. or "depression
- 39 (emotion)"/
- 40 5. (depress\$ or dysphori\$ or dysthym\$ or melanchol\$ or seasonal affective disorder\$).tw.
- 41 6. or/1-5

- H.2.1.21 Cochrane Database of Systematic Reviews, Database of Abstracts of Reviews of Effects, Cochrane Central Register of Controlled Trials – Wiley Interscience interface^a**
- 3 #1 MeSH descriptor Depression, this term only
 - 4 #2 MeSH descriptor Depressive Disorder explode all trees
 - 5 #3 MeSH descriptor Mood Disorders, this term only
 - 6 #4 (depress* or dysphori* or dysthym* or seasonal affective disorder* or melanchol*):ti or
 - 7 (depress* or dysphori* or dysthym* or seasonal affective disorder* or melanchol*):ab
 - 8 #5 (#1 OR #2 OR #3 OR #4)

H.2.29 Systematic review search filters

H.2.2.10 MEDLINE, EMBASE, PsycINFO, CINAHL – Ovid interface

- 11 1. (literature searching or (systematic review\$ or metaanal\$ or meta anal\$)).sh,id.
- 12 2. ((analy\$ or assessment\$ or evidence\$ or methodol\$ or qualitativ\$ or quantativ\$ or
- 13 systematic\$) adj5 (overview\$ or review\$)).tw. or ((analy\$ or assessment\$ or evidence\$ or
- 14 methodol\$ or quantativ\$ or qualitativ\$ or systematic\$).ti. and review\$.ti,pt.) or
- 15 (systematic\$ adj5 search\$).ti,ab.
- 16 3. ((electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online
- 17 database\$).tw,sh. or (bids or cochrane or index medicus or isi citation or psychlit or psychlit
- 18 or scisearch or science citation or (web adj2 science)).tw. or cochrane\$.sh.) and
- 19 (review\$.ti,ab,sh,pt. or systematic\$.ti,ab.)
- 20 4. (metaanal\$ or meta anal\$ or metasyntes\$ or meta syntes\$).ti,ab.
- 21 5. (research adj (review\$ or integration)).ti,ab.
- 22 6. reference list\$.ab.
- 23 7. bibliograph\$.ab.
- 24 8. published studies.ab.
- 25 9. relevant journals.ab.
- 26 10. selection criteria.ab.
- 27 11. (data adj (extraction or synthesis)).ab.
- 28 12. (handsearch\$ or ((hand or manual) adj search\$)).ti,ab.
- 29 13. (mantel haenszel or peto or dersimonian or der simonian).ti,ab.
- 30 14. (fixed effect\$ or random effect\$).ti,ab.
- 31 15. (systematic\$ or meta\$).pt. or (literature review or meta analysis or systematic
- 32 review).md.
- 33 16. ((pool\$ or combined or combining) adj2 (data or trials or studies or results)).ti,ab.
- 34 17. or/1-16

H.2.35 Randomised controlled trial search filters

H.2.3.36 MEDLINE, EMBASE, PsycINFO, CINAHL - Ovid interface

- 37 1. exp clinical trial/ or exp clinical trials/ or exp clinical trials as topic/ or exp controlled clinical
- 38 trials/
- 39 2. (placebo\$1 or random allocation or random assignment or random sample or random
- 40 sampling or randomization).sh,id.
- 41 3. (double blind\$ or single blind\$ or triple blind\$).sh,id.

^a With respect to H.2.1.2, this search was generated for the 2009 NICE Depression in adults with a chronic physical health problem guideline (CG91), and was sifted for relevance to the clinical areas of both that guideline and this guideline update.

- 1 4. (crossover procedure or crossover design or cross over studies).sh,id.
- 2 5. (clinical adj2 trial\$).tw.
- 3 6. (crossover or cross over).tw.
- 4 7. (((single\$ or doubl\$ or trebl\$ or tripl\$) adj5 (blind\$ or mask\$ or dummy)) or (singleblind\$
- 5 or doubleblind\$ or trebleblind\$)).tw.
- 6 8. (placebo\$ or random\$).mp.
- 7 9. (clinical trial\$ or controlled clinical trial\$ or random\$).pt. or treatment outcome\$.md.
- 8 10. animals/ not (animals/ and human\$.mp.)
- 9 11. animal\$/ not (animal\$/ and human\$/)
- 10 12. (animal not (animal and human)).po. 13 (or/1-9) not (or/10-12)
- 11 Details of additional searches undertaken to support the development of this guideline are
- 12 available on request.